

Patent Abstracts of Japan

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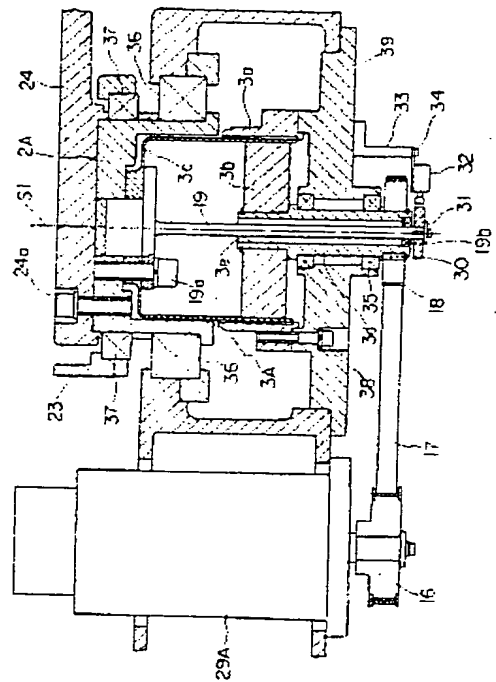
APPLICANT : KOBE STEEL LTD;

INVENTOR : SHIBAIKE MASAKI;

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TITLE : INDUSTRIAL ROBOT

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ABSTRACT : PURPOSE: To eliminate the need for an oil seal, etc., and to make the part to be driven at low cost, by providing the input shaft of a speed reducer formed hollow coaxially with the output shaft of the speed reducer, fixing the detection shaft whose one end side is led to the output shaft until the input side with its penetrating through the hollow part of the input shaft and providing a detection piece at the other end of this detection shaft.

CONSTITUTION: The rotation of the member (lever) 24 to be driven is led to the input side of a speed reducer 3A via the output shaft 2A of the speed reducer 3A and a detection shaft 19. The rotating position of the member 24 to be driven is then detected by the detection piece (striker) 30 and detector (limit switch) 32 arranged at this input side.

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